IN THE SPECIFICATION

Please amend Paragraph [0001], as follows:

[0001] This application claims priority ~~to~~ from U. S. Provisional Application Serial No. 60/247,422, filed on November 8, 2000 and entitled "Integration of CAD and Robotic Systems for Rapid and Universal Formal Changes in the Manufacturing of Contactless Smart Cards" and to U. S. Provisional Application Serial No. 60/247,455, filed on November 8, 2000 and entitled "Integration of CAD and Robotic Systems for Rapid Prototyping of Antenna for the Manufacture of ~~Contact Less~~ Contactless Smart Cards."

Please amend Paragraph [0025], as follows:

[0025] The subassembly is then transferred to the antenna embedding workcell 500, such as that shown in Figure 5. The card antennas 305 may be embedded using a staking technique, in which an insulated wire is heated and pressed into the plastic card substrate by a wiring horn, through which the wire is fed. An ultrasonic transducer may be ~~sued~~ used to heat the wire, which is forced into the card substrate. The heated ~~wired~~ wire liquefies the plastic it contacts. The liquefied plastic mechanically captures the wire as it is pressed into the substrate.

Please amend Paragraph [0032], as follows:

[0032] The CAD drawing 700 includes parameters for the desired design which may include, for example, Cartesian coordinates (x-, y-, z-axes) for the location of features on the card. the features may include the location of the IC module 304, the position of the wire bonds 309 between the antenna ends 310 and the contact tabs 308 of the IC module, and the wire antenna pattern 305, including, e.g., size, shape, and number of windings. The CAD

drawing may be two-dimensional (2-D) and describe the locations and dimensions of features on the card surface, or three-dimensional (3-D), further describing the thickness of the card and the depth of the features. The computer 102 uses the information in the CAD drawing to control the various robotic systems 150-152 to produce the features described in the CAD drawing on the actual smart card modules 302 (block 604).